

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/556,145  
Source: IFWP  
Date Processed by STIC: 11/3/06

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 11/03/2006

PATENT APPLICATION: US/10/556,145

TIME: 10:29:43

Input Set : A:\2006-08-21 0480-0165PUS1.TXT

Output Set: N:\CRF4\11032006\J556145.raw

```

4 <110> APPLICANT: BELIVEAU, Richard
5     DEMEULE, Michel
6     BERTRAND, Yanick
7     MICHAUD-LEVESQUE, Jonathan
8     ROLLAND, Yanneve
9     JODOIN, Julie
11 <120> TITLE OF INVENTION: COMPOUND AND METHOD FOR REGULATING PLASMINOGEN ACTIVATION
12     AND CELL MIGRATION
14 <130> FILE REFERENCE: 0480-0165PUS1
16 <140> CURRENT APPLICATION NUMBER: US 10/556,145
17 <141> CURRENT FILING DATE: 2005-11-09
19 <150> PRIOR APPLICATION NUMBER: PCT/CA2004/000697
20 <151> PRIOR FILING DATE: 2004-05-07
22 <150> PRIOR APPLICATION NUMBER: US 60/469,000
23 <151> PRIOR FILING DATE: 2003-05-09
25 <160> NUMBER OF SEQ ID NOS: 19
27 <170> SOFTWARE: FastSEQ for Windows Version 4.0
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 738
31 <212> TYPE: PRT
32 <213> ORGANISM: Homo Sapiens
34 <400> SEQUENCE: 1
35 Met Arg Gly Pro Ser Gly Ala Leu Trp Leu Leu Leu Ala Leu Arg Thr
36 1          5          10          15
37 Val Leu Gly Gly Met Glu Val Arg Trp Cys Ala Thr Ser Asp Pro Glu
38          20          25          30
39 Gln His Lys Cys Gly Asn Met Ser Glu Ala Phe Arg Glu Ala Gly Ile
40          35          40          45
41 Gln Pro Ser Leu Leu Cys Val Arg Gly Thr Ser Ala Asp His Cys Val
42          50          55          60
43 Gln Leu Ile Ala Ala Gln Glu Ala Asp Ala Ile Thr Leu Asp Gly Gly
44 65          70          75          80
45 Ala Ile Tyr Glu Ala Gly Lys Glu His Gly Leu Lys Pro Val Val Gly
46          85          90          95
47 Glu Val Tyr Asp Gln Glu Val Gly Thr Ser Tyr Tyr Ala Val Ala Val
48          100         105         110
49 Val Arg Arg Ser Ser His Val Thr Ile Asp Thr Leu Lys Gly Val Lys
50          115         120         125
51 Ser Cys His Thr Gly Ile Asn Arg Thr Val Gly Trp Asn Val Pro Val
52          130         135         140
53 Gly Tyr Leu Val Glu Ser Gly Arg Leu Ser Val Met Gly Cys Asp Val
54 145         150         155         160
55 Leu Lys Ala Val Ser Asp Tyr Phe Gly Gly Ser Cys Val Pro Gly Ala

```

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```

56          165          170          175
57 Gly Glu Thr Ser Tyr Ser Glu Ser Leu Cys Arg Leu Cys Arg Gly Asp
58          180          185          190
59 Ser Ser Gly Glu Gly Val Cys Asp Lys Ser Pro Leu Glu Arg Tyr Tyr
60          195          200          205
61 Asp Tyr Ser Gly Ala Phe Arg Cys Leu Ala Glu Gly Ala Gly Asp Val
62          210          215          220
63 Ala Phe Val Lys His Ser Thr Val Leu Glu Asn Thr Asp Gly Lys Thr
64 225          230          235          240
65 Leu Pro Ser Trp Gly Gln Ala Leu Leu Ser Gln Asp Phe Glu Leu Leu
66          245          250          255
67 Cys Arg Asp Gly Ser Arg Ala Asp Val Thr Glu Trp Arg Gln Cys His
68          260          265          270
69 Leu Ala Arg Val Pro Ala His Ala Val Val Arg Ala Asp Thr Asp
70          275          280          285
71 Gly Gly Leu Ile Phe Arg Leu Leu Asn Glu Gly Gln Arg Leu Phe Ser
72          290          295          300
73 His Glu Gly Ser Ser Phe Gln Met Phe Ser Ser Glu Ala Tyr Gly Gln
74 305          310          315          320
75 Lys Asp Leu Leu Phe Lys Asp Ser Thr Ser Glu Leu Val Pro Ile Ala
76          325          330          335
77 Thr Gln Thr Tyr Glu Ala Trp Leu Gly His Glu Tyr Leu His Ala Met
78          340          345          350
79 Lys Gly Leu Leu Cys Asp Pro Asn Arg Leu Pro Pro Tyr Leu Arg Trp
80          355          360          365
81 Cys Val Leu Ser Thr Pro Glu Ile Gln Lys Cys Gly Asp Met Ala Val
82          370          375          380
83 Ala Phe Arg Arg Gln Arg Leu Lys Pro Glu Ile Gln Cys Val Ser Ala
84 385          390          395          400
85 Lys Ser Pro Gln His Cys Met Glu Arg Ile Gln Ala Glu Gln Val Asp
86          405          410          415
87 Ala Val Thr Leu Ser Gly Glu Asp Ile Tyr Thr Ala Gly Lys Lys Tyr
88          420          425          430
89 Gly Leu Val Pro Ala Ala Gly Glu His Tyr Ala Pro Glu Asp Ser Ser
90          435          440          445
91 Asn Ser Tyr Tyr Val Val Ala Val Val Arg Arg Asp Ser Ser His Ala
92          450          455          460
93 Phe Thr Leu Asp Glu Leu Arg Gly Lys Arg Ser Cys His Ala Gly Phe
94 465          470          475          480
95 Gly Ser Pro Ala Gly Trp Asp Val Pro Val Gly Ala Leu Ile Gln Arg
96          485          490          495
97 Gly Phe Ile Arg Pro Lys Asp Cys Asp Val Leu Thr Ala Val Ser Glu
98          500          505          510
99 Phe Phe Asn Ala Ser Cys Val Pro Val Asn Asn Pro Lys Asn Tyr Pro
100          515          520          525
101 Ser Ser Leu Cys Ala Leu Cys Val Gly Asp Glu Gln Gly Arg Asn Lys
102          530          535          540
103 Cys Val Gly Asn Ser Gln Glu Arg Tyr Tyr Gly Tyr Arg Gly Ala Phe
104 545          550          555          560

```

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```

105 Arg Cys Leu Val Glu Asn Ala Gly Asp Val Ala Phe Val Arg His Thr
106          565          570          575
107 Thr Val Phe Asp Asn Thr Asn Gly His Asn Ser Glu Pro Trp Ala Ala
108          580          585          590
109 Glu Leu Arg Ser Glu Asp Tyr Glu Leu Leu Cys Pro Asn Gly Ala Arg
110          595          600          605
111 Ala Glu Val Ser Gln Phe Ala Ala Cys Asn Leu Ala Gln Ile Pro Pro
112          610          615          620
113 His Ala Val Met Val Arg Pro Asp Thr Asn Ile Phe Thr Val Tyr Gly
114 625          630          635          640
115 Leu Leu Asp Lys Ala Gln Asp Leu Phe Gly Asp Asp His Asn Lys Asn
116          645          650          655
117 Gly Phe Lys Met Phe Asp Ser Ser Asn Tyr His Gly Gln Asp Leu Leu
118          660          665          670
119 Phe Lys Asp Ala Thr Val Arg Ala Val Pro Val Gly Glu Lys Thr Thr
120          675          680          685
121 Tyr Arg Gly Trp Leu Gly Leu Asp Tyr Val Ala Ala Leu Glu Gly Met
122          690          695          700
123 Ser Ser Gln Gln Cys Ser Gly Ala Ala Ala Pro Ala Pro Gly Ala Pro
124 705          710          715          720
125 Leu Leu Pro Leu Leu Leu Pro Ala Leu Ala Ala Arg Leu Leu Pro Pro
126          725          730          735
127 Ala Leu

```

130 &lt;210&gt; SEQ ID NO: 2

131 &lt;211&gt; LENGTH: 21

132 &lt;212&gt; TYPE: DNA

133 &lt;213&gt; ORGANISM: Artificial Sequence

135 &lt;220&gt; FEATURE:

136 &lt;223&gt; OTHER INFORMATION: primer sequence

138 &lt;400&gt; SEQUENCE: 2

139 agaagtagca ggaccagagg g

21

141 &lt;210&gt; SEQ ID NO: 3

142 &lt;211&gt; LENGTH: 21

143 &lt;212&gt; TYPE: DNA

144 &lt;213&gt; ORGANISM: Artificial Sequence

146 &lt;220&gt; FEATURE:

147 &lt;223&gt; OTHER INFORMATION: antisense primer sequence

149 &lt;400&gt; SEQUENCE: 3

150 tcagtaccca ggcagttatg c

21

152 &lt;210&gt; SEQ ID NO: 4

153 &lt;211&gt; LENGTH: 22

154 &lt;212&gt; TYPE: DNA

155 &lt;213&gt; ORGANISM: Artificial Sequence

157 &lt;220&gt; FEATURE:

158 &lt;223&gt; OTHER INFORMATION: primer sequence

160 &lt;400&gt; SEQUENCE: 4

161 tctctccctt ctccaaagac cc

22

163 &lt;210&gt; SEQ ID NO: 5

164 &lt;211&gt; LENGTH: 22

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Input Set : A:\2006-08-21 0480-0165PUS1.TXT

Output Set: N:\CRF4\11032006\J556145.raw

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165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: antisense primer sequence
171 <400> SEQUENCE: 5
172 tcaatgagtc cagccagtca gc 22
174 <210> SEQ ID NO: 6
175 <211> LENGTH: 22
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: primer sequence
182 <400> SEQUENCE: 6
183 cggagcagtg tggcttattt tc 22
185 <210> SEQ ID NO: 7
186 <211> LENGTH: 22
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: antisense primer sequence
193 <400> SEQUENCE: 7
194 caggtgtatt ggggtgtcaag gc 22
196 <210> SEQ ID NO: 8
197 <211> LENGTH: 24
198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: primer sequence
204 <400> SEQUENCE: 8
205 ggacccaaca agttcaagtg tcac 24
207 <210> SEQ ID NO: 9
208 <211> LENGTH: 22
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: antisense primer sequence
215 <400> SEQUENCE: 9
216 aagaagaggt aggcgatgga gc 22
218 <210> SEQ ID NO: 10
219 <211> LENGTH: 25
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: primer sequence
226 <400> SEQUENCE: 10
227 ccttgaagat gatggactac cctcg 25
229 <210> SEQ ID NO: 11
230 <211> LENGTH: 24
231 <212> TYPE: DNA

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Output Set: N:\CRF4\11032006\J556145.raw

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232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: antisense primer sequence
237 <400> SEQUENCE: 11
238 aaaacccaaa aaagcccccc cagc 24
240 <210> SEQ ID NO: 12
241 <211> LENGTH: 24
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: primer sequence
248 <400> SEQUENCE: 12
249 accgaggttg tgtgtgggtt agac 24
251 <210> SEQ ID NO: 13
252 <211> LENGTH: 22
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: antisense primer sequence
259 <400> SEQUENCE: 13
260 caggaagtgg aaggtgtcgt tg 22
262 <210> SEQ ID NO: 14
263 <211> LENGTH: 20
264 <212> TYPE: DNA
265 <213> ORGANISM: Artificial Sequence
267 <220> FEATURE:
268 <223> OTHER INFORMATION: primer sequence
270 <400> SEQUENCE: 14
271 ccatcaccat cttccaggag 20
273 <210> SEQ ID NO: 15
274 <211> LENGTH: 20
275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: antisense primer sequence
281 <400> SEQUENCE: 15
282 cctgcttcac caccttcttg 20
284 <210> SEQ ID NO: 16
285 <211> LENGTH: 24
286 <212> TYPE: DNA
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: primer sequence
292 <400> SEQUENCE: 16
293 aaagacattg cgtggtcagg cagc 24
295 <210> SEQ ID NO: 17
296 <211> LENGTH: 23
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/556,145

DATE: 11/03/2006

TIME: 10:29:44

Input Set : A:\2006-08-21 0480-0165PUS1.TXT

Output Set: N:\CRF4\11032006\J556145.raw